

Figure 1

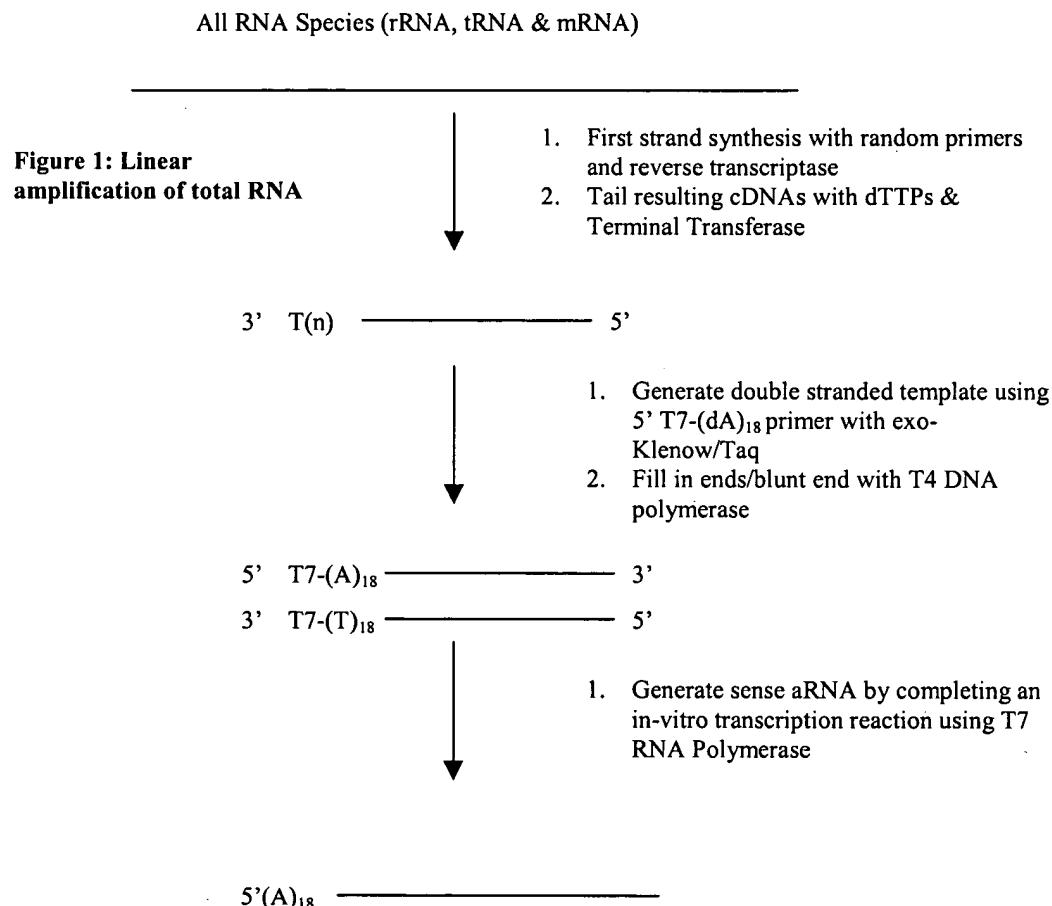


Figure 2

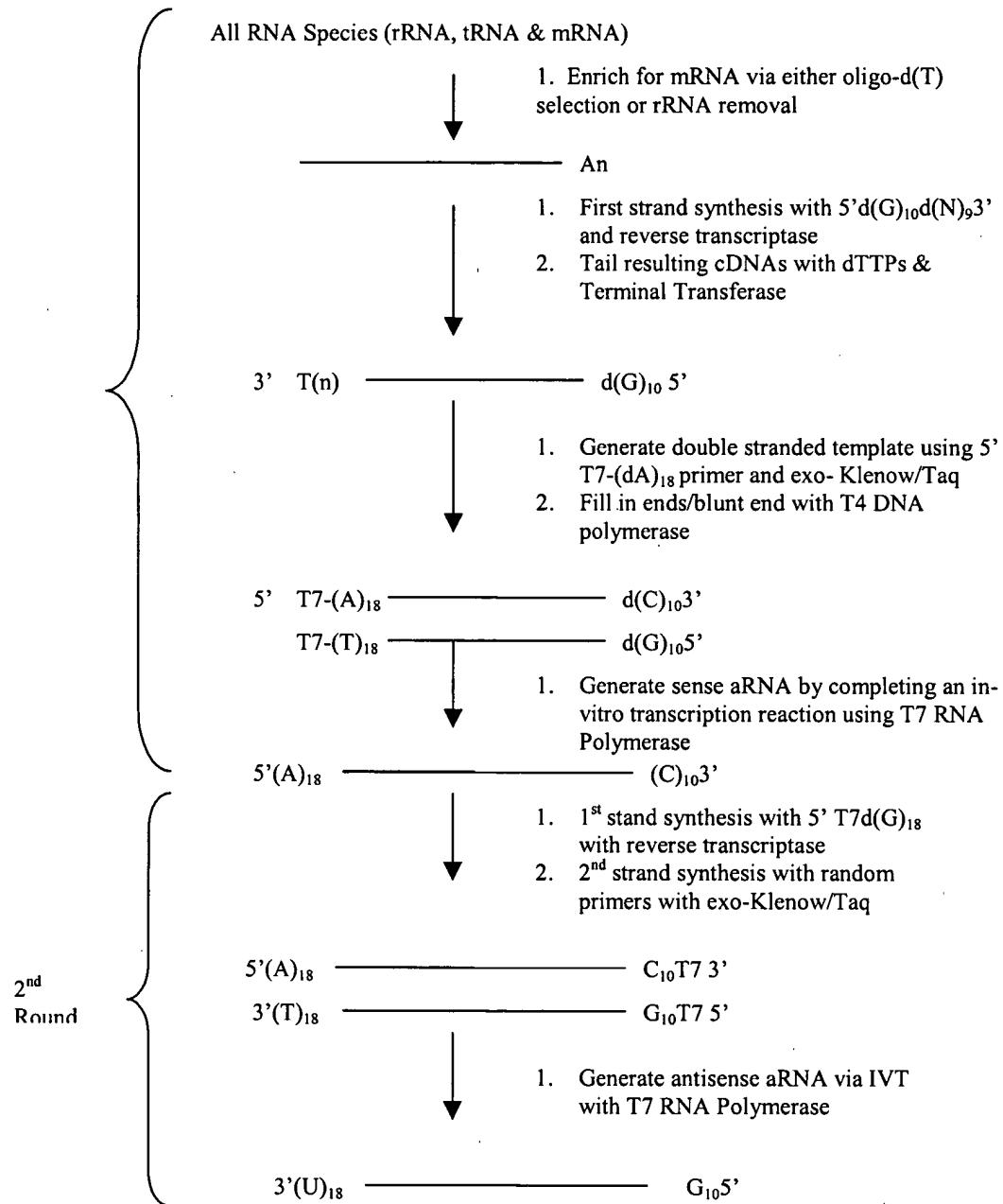
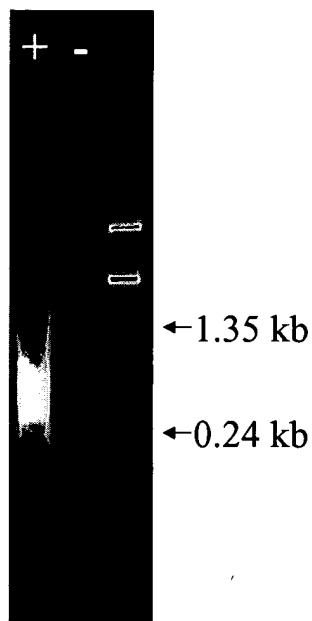


Figure 3

Non-biased global  
mRNA amplification



RiboAmp (3'-biased)  
mRNA amplification



Figure 4

**Global Amplification vs RiboAmp**  
 **$\Delta C_T$ s unamplified vs amplified**

*$\beta$ -actin mRNA*

The diagram shows the  $\beta$ -actin mRNA structure with 5' and 3' ends. Three regions are marked: ~1100, M, and ~100. The  $\Delta C_T$  values for RiboAmp and GlobalAmp are listed for each region.

|                        | 5'          |             | A <sub>n</sub> 3' |
|------------------------|-------------|-------------|-------------------|
| # bases away from p(A) | ~1100       | ~400        | ~100              |
|                        | <b>5'</b>   | <b>M</b>    | <b>3'</b>         |
| $\Delta C_T$           |             |             |                   |
| Riboamp                | <b>5.55</b> | <b>6.65</b> | <b>9.62</b>       |
| GlobalAmp              | <b>6.65</b> | <b>6.10</b> | <b>6.01</b>       |